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# ***Maritime Headquarters (MHQ) with Maritime Operations Centers and Navy Experimentation***



**MORS Workshop: WG3 Methodologies and Tools**

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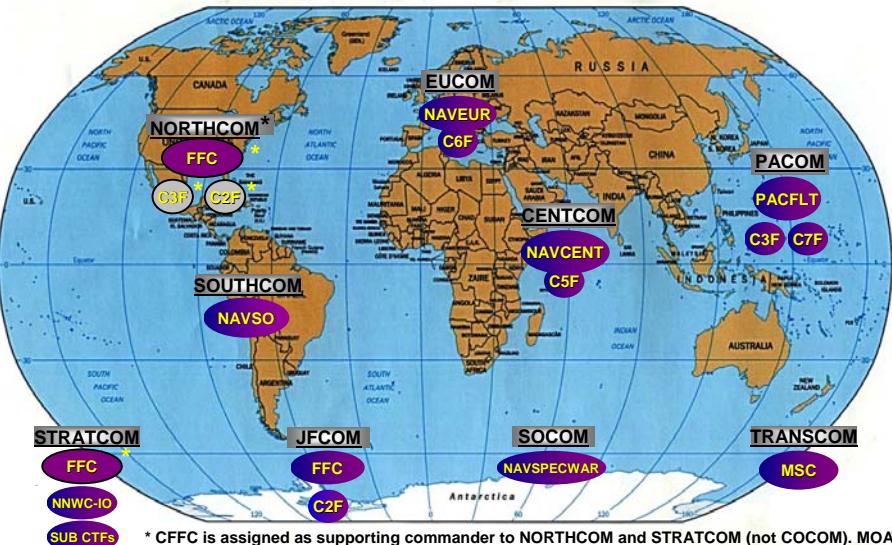
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## ***What are MHQs with MOCs?***

## CONCEPT FORMERLY KNOWN AS GLOBALLY NETWORKED JFMCCs



**SUB CTFs** \* CFFC is assigned as supporting commander to NORTHCOM and STRATCOM (not COMUSARPAC). MOAs exist for PACOM and JFCOM to provide maritime forces (C3F & C2F) to NORTHCOM when required.

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## MHQ Concept History

- 1999 JFMCC concept introduced to
  - Provide a capability
    - prioritize multiple tasks with limited naval assets, and
    - conduct full range of EBO in a joint environment.
  - Develop a process
    - accommodate simultaneous offensive and defensive operations at the tactical and operational levels, and
    - allow the JFMCC to integrate all naval missions in the littorals.
- 2000 NWDC\* develops JFMCC CONOPS for Millennium Challenge 02
- 2003 NWDC presents *draft JFMCC TACMEMO modeled after the USAF planning process (not endorsed by fleets)*

\* NWDC = Navy Warfare Development Command

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## Concept History, cont.

- 2003 NWDC develops *Sea Trial Campaign Plan*
  - JFMCC as the context to establish fleet generated requirements for manning, training, and equipping future maritime forces
- 2005 Navy Afloat Targeting Integrated Process Team (NAT IPT) workshop produces *draft JFMCC Fires Annex for the TACMEMO*
- 2005 C2F introduces *Globally Networked JFMCCs*.
- 2006 NWDC introduces a revised version of the JFMCC TACMEMO (3-32-06)
- 2006 C2F introduces *MHQ with MOC following Flag-level conference, revising Globally Networked JFMCCs concept*.

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## Why MHQ w/ MOC?

- **After-action analyses of 9-11, OEF, OIF, and Katrina HA/DR identified gaps in C2 capabilities**
  - Analyses highlighted limited ability to:
    - Command in a dynamic environment
    - Rapidly identify necessary participants or communities of interest across echelons for planning and response to crisis action
    - Provide consistent situational understanding at all command levels
    - Efficiently collaborate
    - Receive rapid feedback to assess and adapt to emerging conditions and shortened planning/execution timelines
- **Demand signals / guidance:**
  - CNO Guidance, 2005 and 2006
  - SECDEF memo – Formation & Sustainment of JTF HQs, Feb 2005
  - *National Strategy for Maritime Security*, Sep 2005
  - CNO / CFFC Tasking Messages, 28 SEP 05
  - QDR, 2006 (especially Distributed Networked Operations)
  - Consensus of CNO Maritime Security Conference, Jan & Sep 2006
  - *Naval Operations Concept*, Sep 2006

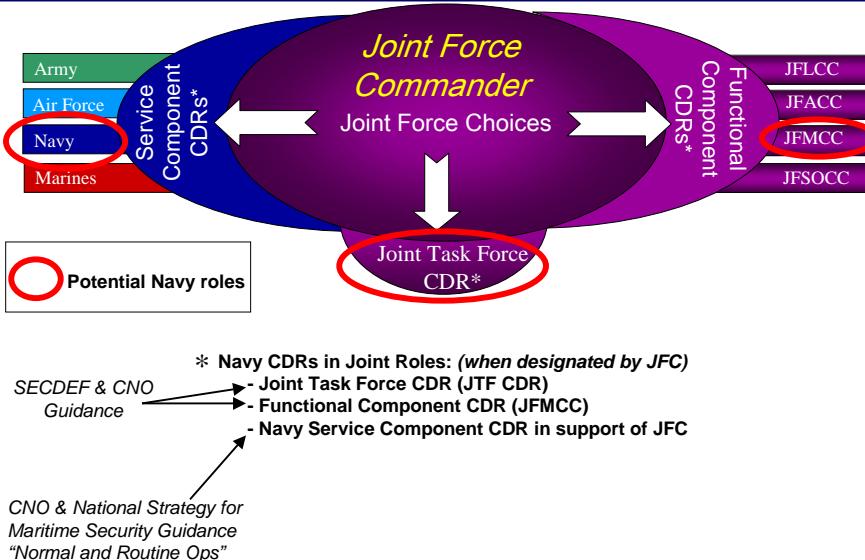
**Close the gaps at the operational level**

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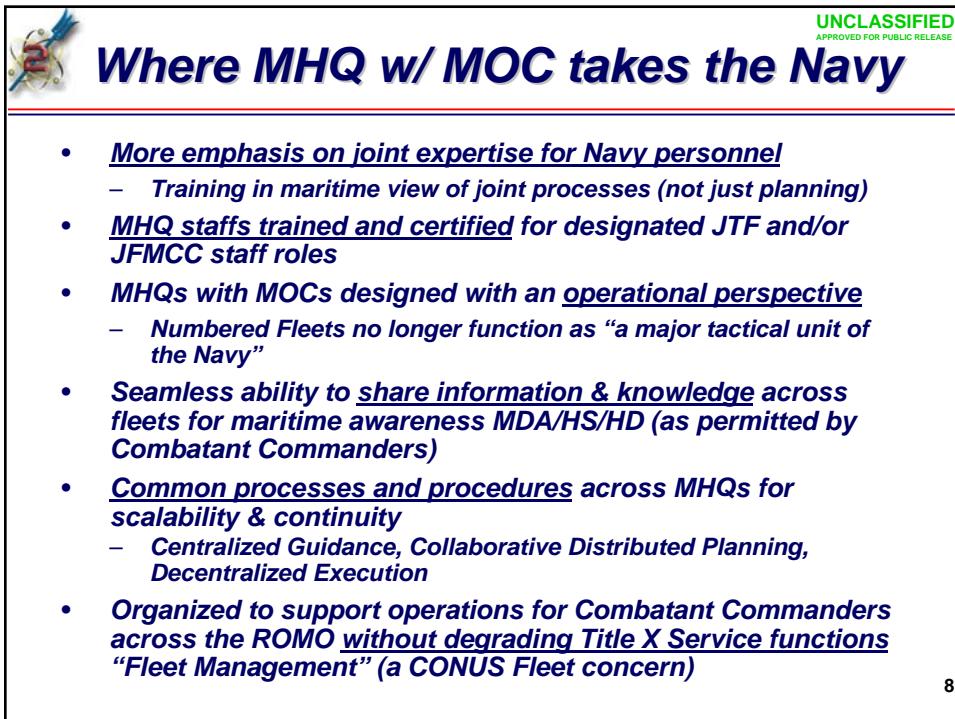
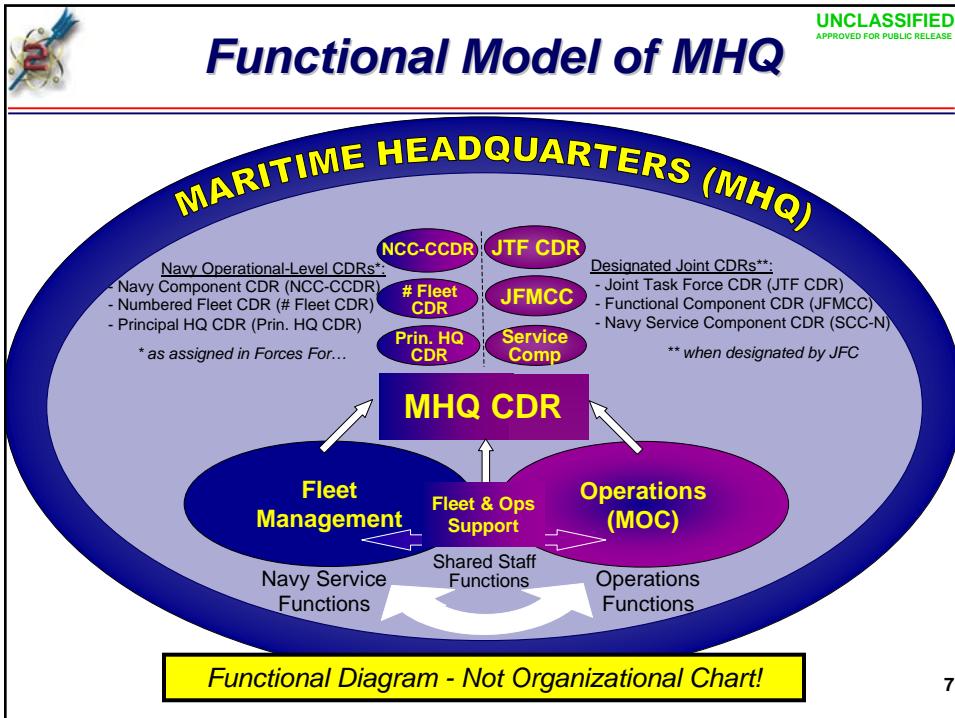


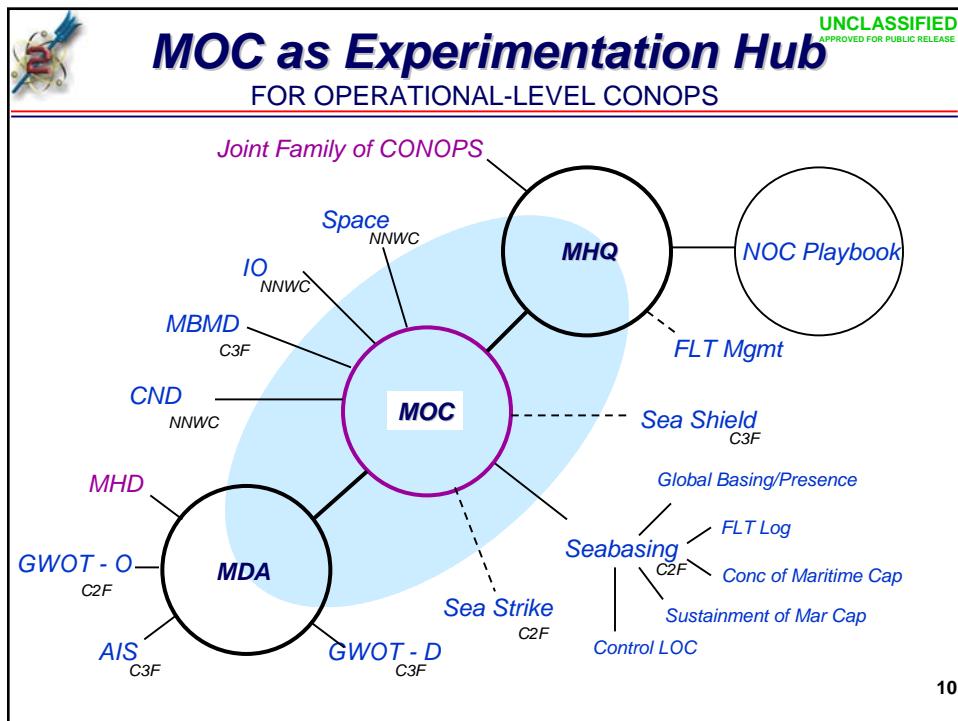
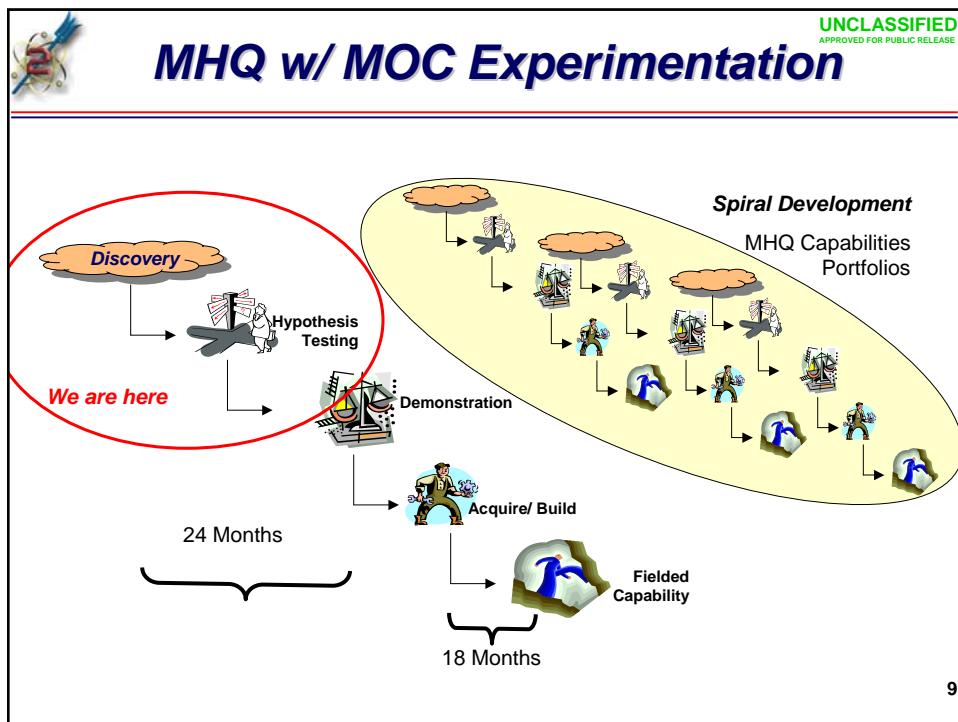
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## Potential Joint Roles for Navy MHQs



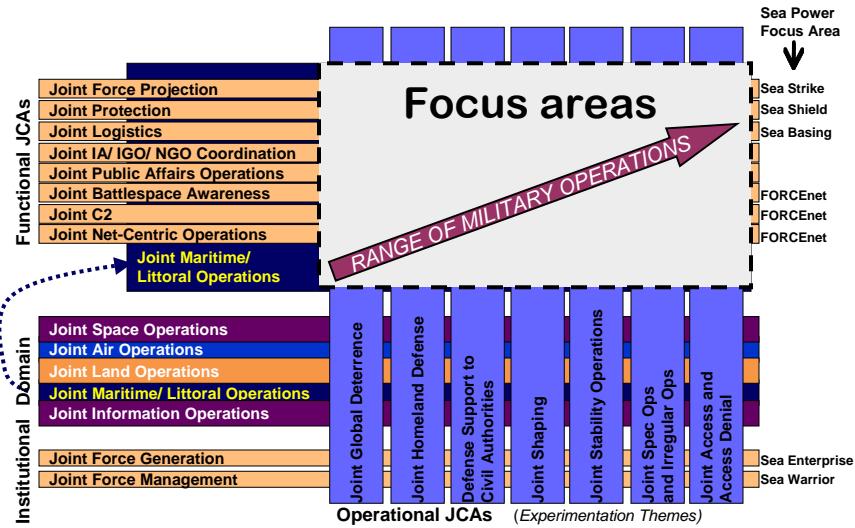
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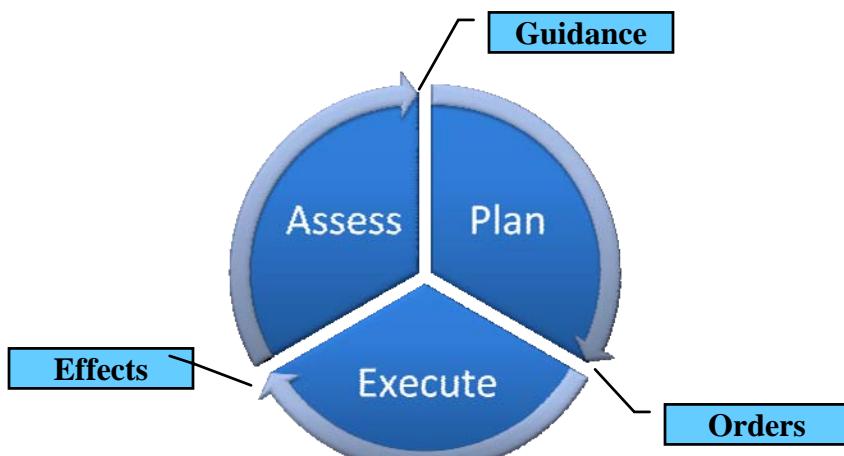
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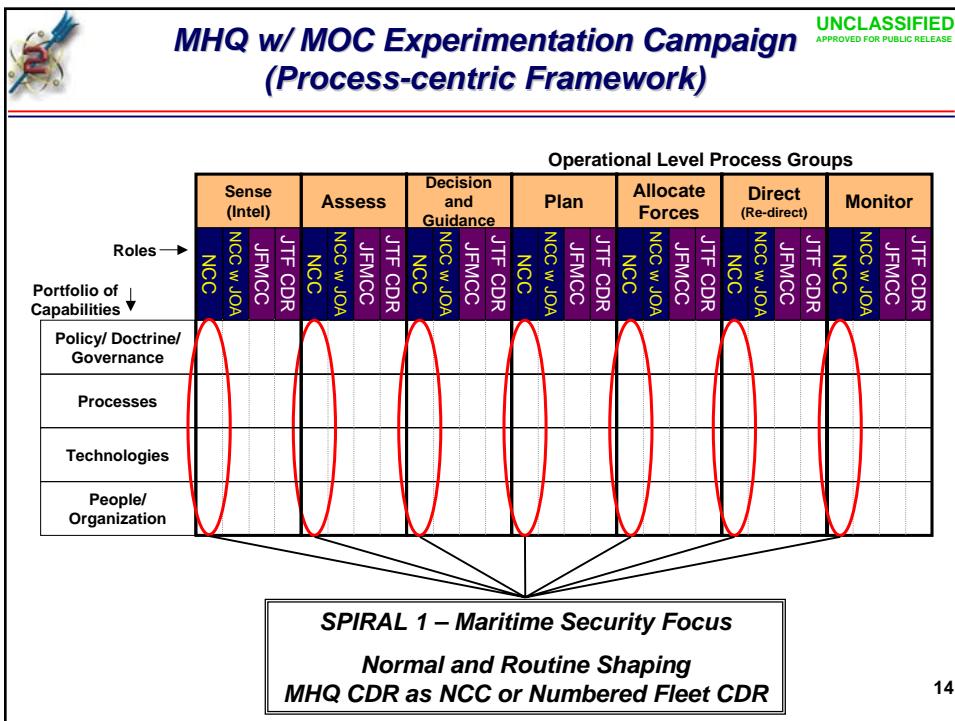
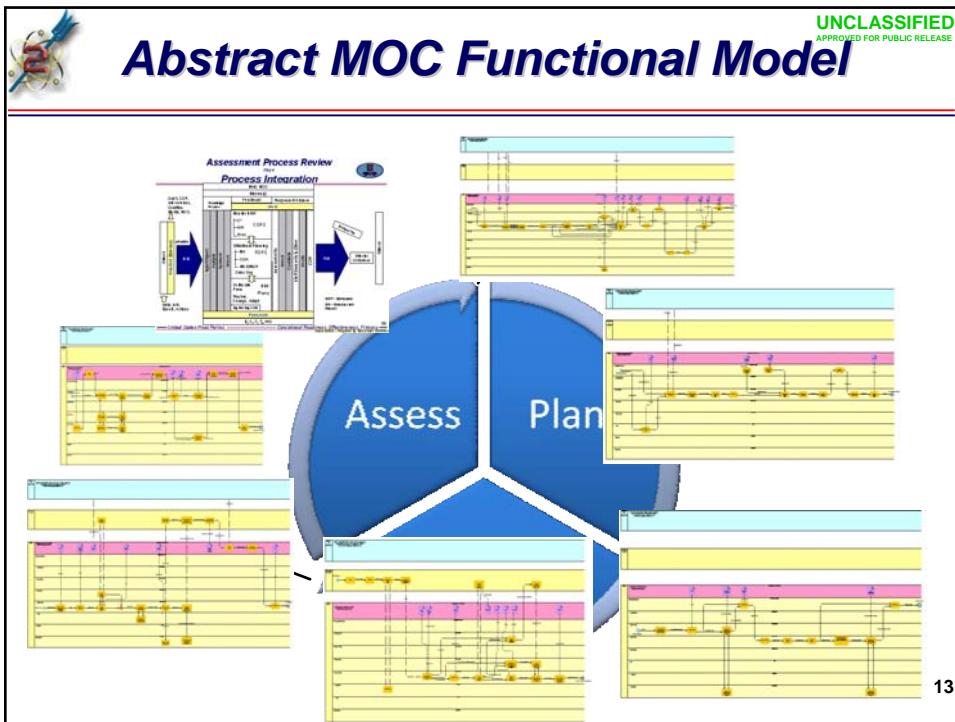
# Capability Focus of MHQ w/ MOC Experimentation

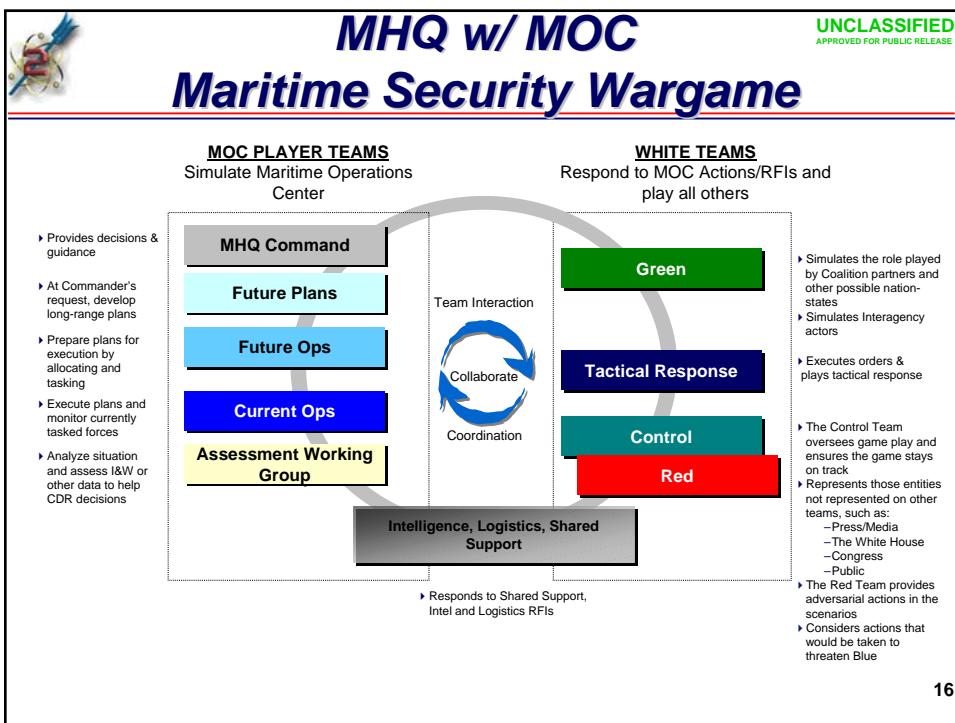
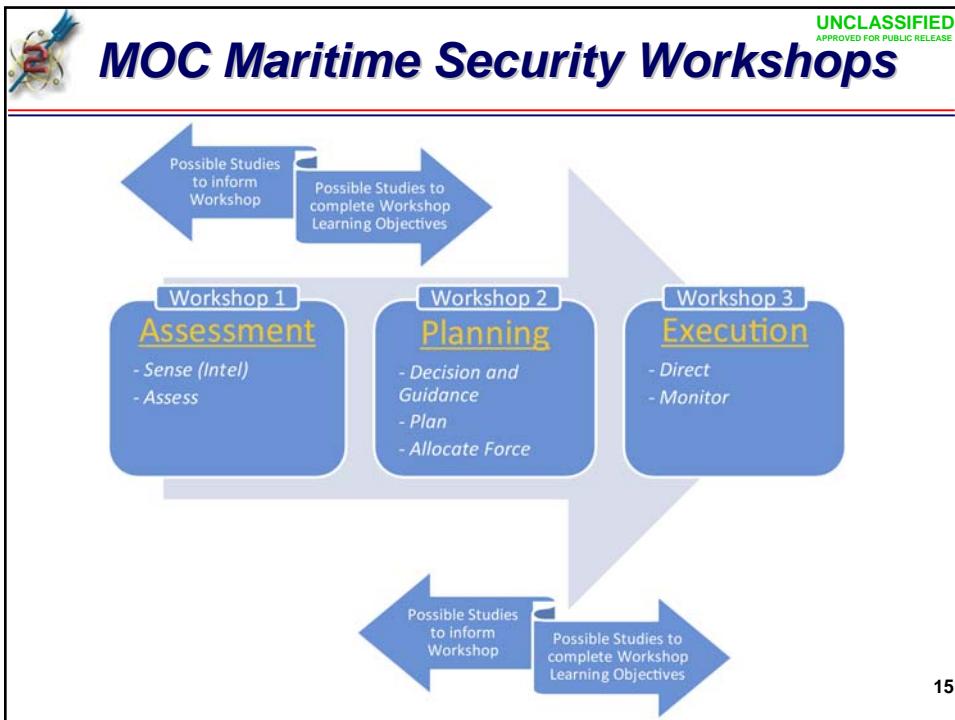


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# Abstract MOC Functional Model









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## Lessons Learned

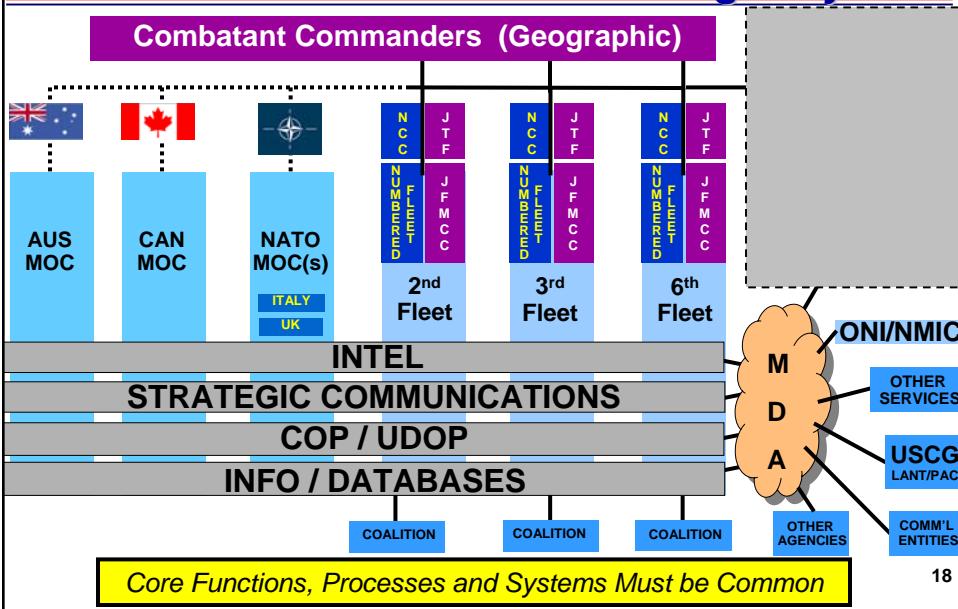
### MHQ w/ MOC EXPERIMENTATION METHODS

- Allocate adequate time to plan events, and time between events
- Use studies to clearly define processes in greater detail prior to designing discovery/experimentation events
- Workshops are best for discovery if highly focused
  - Assess-Plan-Execute themes delivered some insights but tended to be inconclusive on details
  - Broadly scoped workshops do not focus participants enough
  - Need appropriate stimulators (scenario and staff deliverables) to drive discovery to decisive conclusions
- Nontraditional “Wargames” are useful for operational-level experimentation
  - Very effective to identify process gaps for further study
  - Controlled environment keeps participants scoped to operational-level issues
  - Several isolated teams addressing issues/solutions may be very helpful to sample “solution space”
- Studies generate Hypotheses – Experiments feed Analysis

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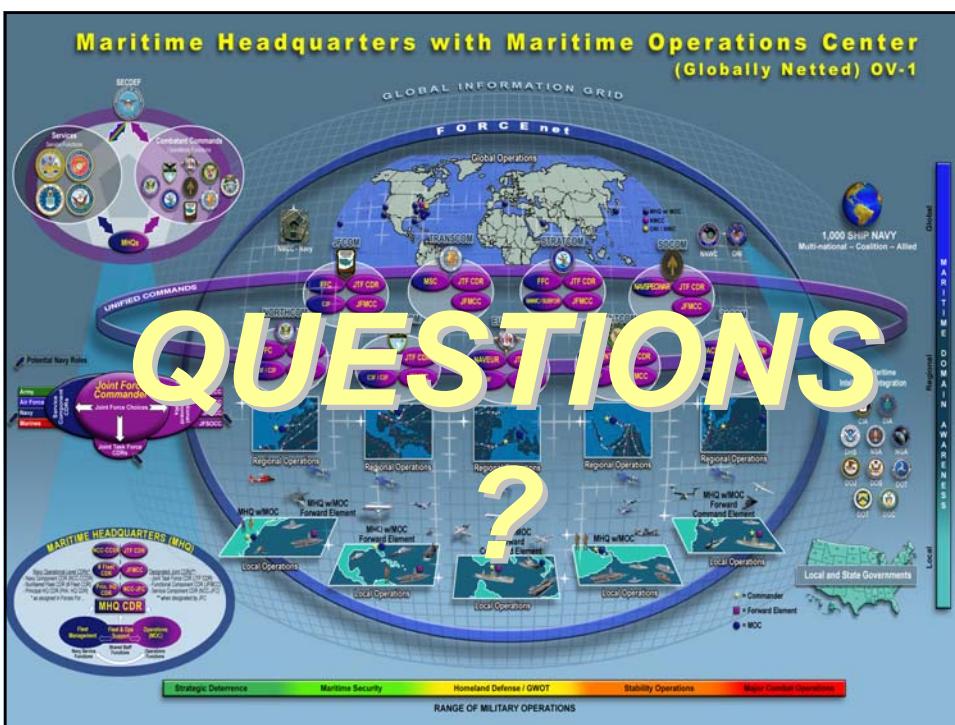
## Globally Networked MOCs (TW07) Global Maritime Information Highways



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# Globally Connected AOCs & MOCs (JEFX 08)

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## ***Future areas of study & experiment ...***

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- *Balance of responsibilities at different echelons? (NCC MHQ, Numbered Fleet MHQ, CTFs, ESFs, etc)*
- *Distributed staff concepts (e.g. MARCOLE series)*
- *Scalability and augmentation plans (e.g. JTFEX)*
- *What degree of MOC process & procedure commonality is necessary across theaters?*
- *How do you know that you know enough? (maritime awareness, allocation of resources, ops assessment)*
- *Building human relationships of trust across the “global network”*
- *Process variations across the range of military operations (Humanitarian assistance, Small-scale contingency, and MCO contexts)*

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## ***Levels of Command***

